

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/079,130A

Source: 1Fw/6

Date Processed by STIC: 9/13/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 09/13/2005

PATENT APPLICATION: US/10/079,130A

TIME: 07:54:45

Input Set : A:\21099.0074U2\_1.txt

Output Set: N:\CRF4\09132005\J079130A.raw

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4 <110> APPLICANT: Meagher, Richard B.
5     Laterza, Vince
7 <120> TITLE OF INVENTION: RAPID PRODUCTION OF MONOCLONAL
8     ANTIBODIES
10 <130> FILE REFERENCE: 21099.0074U2
12 <140> CURRENT APPLICATION NUMBER: 10/079,130A
13 <141> CURRENT FILING DATE: 2002-02-20
15 <150> PRIOR APPLICATION NUMBER: 60/270,322
16 <151> PRIOR FILING DATE: 2001-02-20
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 681
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
29     synthetic construct
31 <400> SEQUENCE: 1
32 aagcttgcca ccatgccagg gggctagaa gccctcagag ccctgcctct cctcctcttc      60
33 ttgtcatacg cctgtttggg tcccggatgc caggccctgc gggtagaagg ggggccacca      120
34 tccctgacgg tgaacttggg cgaggaggcc cgcctcacct gtgaaaacaa tggcagggaac      180
35 cctaatatca catggtggtt cagccttcag tctaacatca catggccccc agtgccactg      240
36 ggtcctggcc aggttaccac aggccagctg ttcttccccg aagtaaacaa gaaccacagg      300
37 ggctgtgact ggtgccaagt gatagaaaac aacatattaa aacgctcctg tgggtacttac      360
38 ctccgcgtgc gcaatccagt ccctaggccc ttcttggaac tgggggaagg taccaagaac      420
39 cgcacatca cagcagaagg gatcatcttg ctgttgtgtg cagtgggtgcc agggacgctg      480
40 ctgctattca ggaaacggtg gcaaaatgag aagtttgggg tggacatgcc agatgactat      540
41 gaagatgaaa atctctatga gggcctgaac cttgatgact gttctatgta tgaggacatc      600
42 tccaggggac tccagggcac ctaccaggat gtgggcaacc tccacattgg agatgccccag      660
43 ctggaaaagc catgagaatt c                                     681
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 705
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
52     synthetic construct
54 <400> SEQUENCE: 2
55 aagcttgcca ccatggccac actggtgctg tcttccatgc cctgccactg gctgttggtc      60
56 ctgctgtgc tcttctcagg tgagccggtg ccagcaatga caagcagtga cctgccactg      120
57 aatttccaag gaagtccttg ttcccagatc tggcagcacc cgaggtttgc agccaaaaag      180
58 cggagctcca tgggtgaagtt tcaactgtac acaaaccact caggtgcact gacctgggtc      240

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59 cgaaagcgag ggagccagca gccccaggaa ctggtctcag aagagggacg cattgtgcag      300
60 acccagaatg gctctgtcta caccctcact atccaaaaca tccagtacga ggataatggt      360
61 atctacttct gcaagcagaa atgtgacagc gcccaaccata atgtcaccga cagctgtggc      420
62 acggaacttc tagtcttagg attcagcacg ttggaccaac tgaagcggcg gaacacactg      480
63 aaagatggca ttatcttgat ccagaccctc ctcacatcc tcttcacatc tgtgcccatc      540
64 ttcctgctac ttgacaagga tgacggcaag gctgggatcg aggaagatca cacctatgag      600
65 ggcttgaaca ttgaccagac agccacctat gaagacatag tgactcttcg gacaggggag      660
66 gtaaagtggg cggtaggaga gcatccaggc caggaatgac tcgag                        705
68 <210> SEQ ID NO: 3
69 <211> LENGTH: 220
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
75     synthetic construct
77 <400> SEQUENCE: 3
78 Met  Pro  Gly  Gly  Leu  Glu  Ala  Leu  Arg  Ala  Leu  Pro  Leu  Leu  Leu  Phe
79   1              5              10              15
80 Leu  Ser  Tyr  Ala  Cys  Leu  Gly  Pro  Gly  Cys  Gln  Ala  Leu  Arg  Val  Glu
81              20              25              30
82 Gly  Gly  Pro  Pro  Ser  Leu  Thr  Val  Asn  Leu  Gly  Glu  Glu  Ala  Arg  Leu
83              35              40              45
84 Thr  Cys  Glu  Asn  Asn  Gly  Arg  Asn  Pro  Asn  Ile  Thr  Trp  Trp  Phe  Ser
85   50              55              60
86 Leu  Gln  Ser  Asn  Ile  Thr  Trp  Pro  Pro  Val  Pro  Leu  Gly  Pro  Gly  Gln
87 65              70              75              80
88 Gly  Thr  Thr  Gly  Gln  Leu  Phe  Phe  Pro  Glu  Val  Asn  Lys  Asn  His  Arg
89              85              90              95
90 Gly  Leu  Tyr  Trp  Cys  Gln  Val  Ile  Glu  Asn  Asn  Ile  Leu  Lys  Arg  Ser
91              100             105             110
92 Cys  Gly  Thr  Tyr  Leu  Arg  Val  Arg  Asn  Pro  Val  Pro  Arg  Pro  Phe  Leu
93              115             120             125
94 Asp  Met  Gly  Glu  Gly  Thr  Lys  Asn  Arg  Ile  Ile  Thr  Ala  Glu  Gly  Ile
95              130             135             140
96 Ile  Leu  Leu  Phe  Cys  Ala  Val  Val  Pro  Gly  Thr  Leu  Leu  Leu  Phe  Arg
97 145             150             155             160
98 Lys  Arg  Trp  Gln  Asn  Glu  Lys  Phe  Gly  Val  Asp  Met  Pro  Asp  Asp  Tyr
99              165             170             175
100 Glu  Asp  Glu  Asn  Leu  Tyr  Glu  Gly  Leu  Asn  Leu  Asp  Asp  Cys  Ser  Met
101              180             185             190
102 Tyr  Glu  Asp  Ile  Ser  Arg  Gly  Leu  Gln  Gly  Thr  Tyr  Gln  Asp  Val  Gly
103              195             200             205
104 Asn  Leu  His  Ile  Gly  Asp  Ala  Gln  Leu  Glu  Lys  Pro
105              210             215             220
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 228
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:

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114 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =  
 115 synthetic construct

117 <400> SEQUENCE: 4

118 Met Ala Thr Leu Val Leu Ser Ser Met Pro Cys His Trp Leu Leu Phe  
 119 1 5 10 15  
 120 Leu Leu Leu Leu Phe Ser Gly Glu Pro Val Pro Ala Met Thr Ser Ser  
 121 20 25 30  
 123 Asp Leu Pro Leu Asn Phe Gln Gly Ser Pro Cys Ser Gln Ile Trp Gln  
 124 35 40 45  
 125 His Pro Arg Phe Ala Ala Lys Lys Arg Ser Ser Met Val Lys Phe His  
 126 50 55 60  
 127 Cys Tyr Thr Asn His Ser Gly Ala Leu Thr Trp Phe Arg Lys Arg Gly  
 128 65 70 75 80  
 129 Ser Gln Gln Pro Gln Glu Leu Val Ser Glu Glu Gly Arg Ile Val Gln  
 130 85 90 95  
 131 Thr Gln Asn Gly Ser Val Tyr Thr Leu Thr Ile Gln Asn Ile Gln Tyr  
 132 100 105 110  
 133 Glu Asp Asn Gly Ile Tyr Phe Cys Lys Gln Lys Cys Asp Ser Ala Asn  
 134 115 120 125  
 135 His Asn Val Thr Asp Ser Cys Gly Thr Glu Leu Leu Val Leu Gly Phe  
 136 130 135 140  
 137 Ser Thr Leu Asp Gln Leu Lys Arg Arg Asn Thr Leu Lys Asp Gly Ile  
 138 145 150 155 160  
 139 Ile Leu Ile Gln Thr Leu Leu Ile Ile Leu Phe Ile Ile Val Pro Ile  
 140 165 170 175  
 141 Phe Leu Leu Leu Asp Lys Asp Asp Gly Lys Ala Gly Met Glu Glu Asp  
 142 180 185 190  
 143 His Thr Tyr Glu Gly Leu Asn Ile Asp Gln Thr Ala Thr Tyr Glu Asp  
 144 195 200 205  
 145 Ile Val Thr Leu Arg Thr Gly Glu Val Lys Trp Ser Val Gly Glu His  
 146 210 215 220  
 147 Pro Gly Gln Glu  
 148 225

150 <210> SEQ ID NO: 5

151 <211> LENGTH: 49

152 <212> TYPE: DNA

153 <213> ORGANISM: Artificial Sequence

155 <220> FEATURE:

156 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =  
 157 synthetic construct

159 <400> SEQUENCE: 5

160 tagtgaacta gtaagcttgc caccatgccca ggggtctag aagccctca

49

162 <210> SEQ ID NO: 6

163 <211> LENGTH: 42

164 <212> TYPE: DNA

165 <213> ORGANISM: Artificial Sequence

167 <220> FEATURE:

168 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =  
 169 synthetic construct

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171 <400> SEQUENCE: 6
172 gtctagatcg atgaattctc atggcttttc cagctgggca tc          42
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 48
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
181     synthetic construct
183 <400> SEQUENCE: 7
184 tagtgaacta gtaagcttgc caccatggcc aactggtgc tgtcttcc      48
186 <210> SEQ ID NO: 8
187 <211> LENGTH: 48
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
193     synthetic construct
195 <400> SEQUENCE: 8
196 gtctagatcg atctcgagtc attcctggcc tggatgctct cctaccga      48

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**VERIFICATION SUMMARY**

DATE: 09/13/2005

PATENT APPLICATION: US/10/079,130A

TIME: 07:54:46

Input Set : A:\21099.0074U2\_1.txt

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